

**Total Maximum Daily Load (TMDL)
Advisory Group Meeting Summary
July 12, 2001, 10:00 a.m. - 3:30 p.m. EST
Shadeland, Conference Room C**

10:15 a.m. Welcome and Introductions - IDEM

The meeting began with introductions from all attendees. List of attendees is included at the end of these meeting notes.

Housekeeping Issues - IDEM

Mary Ellen Gray briefly discussed housekeeping issues.

- Handouts for this meeting were provided.
- Lunch will be served here at a cost of \$5.00/person. Reservations can be made with Elaine Whitelaw at email ewhitela@dem.state.in.us.
- Summary notes were approved without comment.

Old Business - IDEM

- Mary Ellen Gray reported that EPA is still preparing a summary of the TMDL for Great Lakes Workshop held on May 15, 2001.

10:20 a.m. Workgroup Meetings

12:35 p.m. Lunch

1:15 p.m. Workgroup Meetings

2:35 p.m. Break

2:50 p.m. Workgroup Reports

TMDL Development - Jack Wittman

- 1) Need to capture scope of recommendations to make. The following are only draft notes and not recommendations.
- 2) Separate workgroups to work on topics.
- 3) Support basin coordinators. Basin coordinators need to be in place (8-digit HUA level), regardless of employer and funding source. Or IDEM staff only? Different from "watershed coordinators"?
- 4) Identify connection between monitoring and modeling. Monitoring adequacy of sediment as a pollutant. Sediment as a source of pollutants. Factors include: timing, spatial scale, connection to modeling, quality and source.
- 5) Modeling adequacy to coincide with monitoring. Must match with objective, begin with the end in mind. Assure that modelers are acquainted with system being evaluated.

- 6) Implementation plans (possible separate work group). Be as conservative as possible with margin of safety (use information derived from past experience to possibly develop future guidance). Allocation for future growth based on key stakeholders input. What should be basis for numerical values? Stakeholder consensus?
- 7) How to define "conservative." One option is a numerical percentage based on parameter and source. Look at uncertainty involved with different contaminants that may cause the percentage to vary. The margin of safety built into a TMDL may be sufficient.
- 8) Pathogens. Is E-coli an appropriate indicator of water quality (background for information)? More background information may be needed. Indiana needs to regularly compare its knowledge with new information from other states to determine state of the art.
- 9) Limit pathogen TMDL to anthropogenic activity?
- 10) Load reduction trading.
- 11) Pathogens report at next meeting.
- 12) Monitoring and modeling connections report at next meeting.

TMDL 303(d) Listing - Bill Beranek

- 1) The regulated and environmental communities have a good understanding of delisting. Trust IDEM to use professional judgement if the decision is supported in writing.
- 2) Written record captures consensus.
- 3) Concern on getting TMDL listing/delisting rule done. At the next meeting will start on rule ideas. IDEM will provide guidance on rule making language.
- 4) Rely on EPA guidance if it is clear. EPA is contemplating changes to the new rule, possibly out in the next few weeks.

There were no public comments.

Agenda for Next Meeting

- Spend majority of meeting in workgroup sessions

NEXT ADVISORY GROUP MEETING: August 09, 2001, from 10:00 a.m. to 3:30 p.m., same location, (IDEM offices, Conference Room C, 2525 North Shadeland Avenue, Indianapolis, IN)

Meeting Adjourned at 3:10 p.m.

Advisory Group Members Present:

| | |
|-----------------|--------------|
| Tom Anderson | Rae Schnapp |
| Fred Andes | Jim Traylor |
| Bill Beranek | Cyndi Wagner |
| Lee Bridges | Jack Wittman |
| Mike Brown | |
| Mary Ellen Gray | |
| Bob Johnston | |
| Glenn Pratt | |
| Bowden Quinn | |
| Jim Ray | |

Members Absent:

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|-----------------|------------------|
| Brett Barber | Kerry Manders |
| Robert Eddleman | Neil Parke |
| Tom Fogarty | Danita Rodibaugh |
| Eric Fry | Matt Rueff |
| Greg Gapsis | Mona Salem |
| Gary Gilot | Bob Sawtelle |
| Kevin Hardie | Ron Turco |
| Jim Hunsicker | Dick VanFrank |
| Paul Johnson | Ken Zmudzinski |
| Phil McLoud | |

Other attendees (sign-in sheet):

Bill Ghalayini, Wayne Long, John Nixon, Angela Taylor, John Werderitch,
and Lawrence Wu.